

June 20, 2017

BY ELECTRONIC FILING

Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th Street, S.W.
Washington, D.C. 20554

Re: *Spectrum Bands Above 24 GHz et al.*, GN Docket No. 14-177, IB Docket No. 15-256, WT Docket No. 10-112, and IB Docket No. 97-95

Dear Ms. Dortch:

On June 19, 2017, representatives of The Boeing Company (“Boeing”), EchoStar Satellite Operating Corporation and Hughes Network Systems, LLC, (collectively “EchoStar”), Inmarsat, Inc., Intelsat Corporation (“Intelsat”), SES Americom, Inc. (“SES”) and WorldVu Satellite Ltd. d/b/a OneWeb (jointly, the “Satellite Broadband Companies”) met with Rachael Bender, Legal Advisor to Chairman Ajit Pai, and Anthony Patrone of Chairman Pai’s office to discuss the Satellite Broadband Companies’ recent *ex parte* submission in the above referenced proceeding.¹

The Company representatives were Bruce Olcott, outside counsel for Boeing; Jennifer A. Manner, Senior Vice President, Regulatory Affairs for EchoStar; Alexander Gerdenitsch, Manager, Spectrum Policy, Americas for Intelsat; Giselle Creeser, Director, Regulatory for Inmarsat; Mariah Shuman, Senior Director, Regulatory Affairs for OneWeb; and Petra Vorwig, Senior Legal and Regulatory Counsel and Philippe Secher, Senior Manager Spectrum Management & Development for SES.

¹ Letter from The Boeing Company, EchoStar Satellite Operating Corporation, Hughes Network Systems, LLC, Intelsat Corporation, Inmarsat, Inc., O3b Limited, SES Americom, Inc., and WorldVu Satellite Ltd. d/b/a OneWeb, to Marlene H. Dortch, filed in GN Docket No. 14-177, *et al.* (June 9, 2017) (“*June 9 Ex Parte*”).

In the meeting the parties discussed the tiered population coverage approach outlined in their *June 9 Ex Parte* and the attached graphics depicting the increased geographic and population coverage that would result from the proposed tiered approach.

Pursuant to the Commission's rules, this notice is being filed in the above-referenced dockets for inclusion in the public record. Please contact me should you have any questions.

Respectfully submitted,

/s/ *Petra A. Vorwig*

Petra A. Vorwig
Senior Legal and Regulatory Counsel
SES Americom, Inc.
1129 20th Street, NW
Suite 1000
Washington, DC 20036
(202) 478-7143

Cc: Rachael Bender
Anthony Patrone

Attachment

Spectrum Frontiers Proceeding

Proposed Population Coverage Tiers

28 GHz Tier

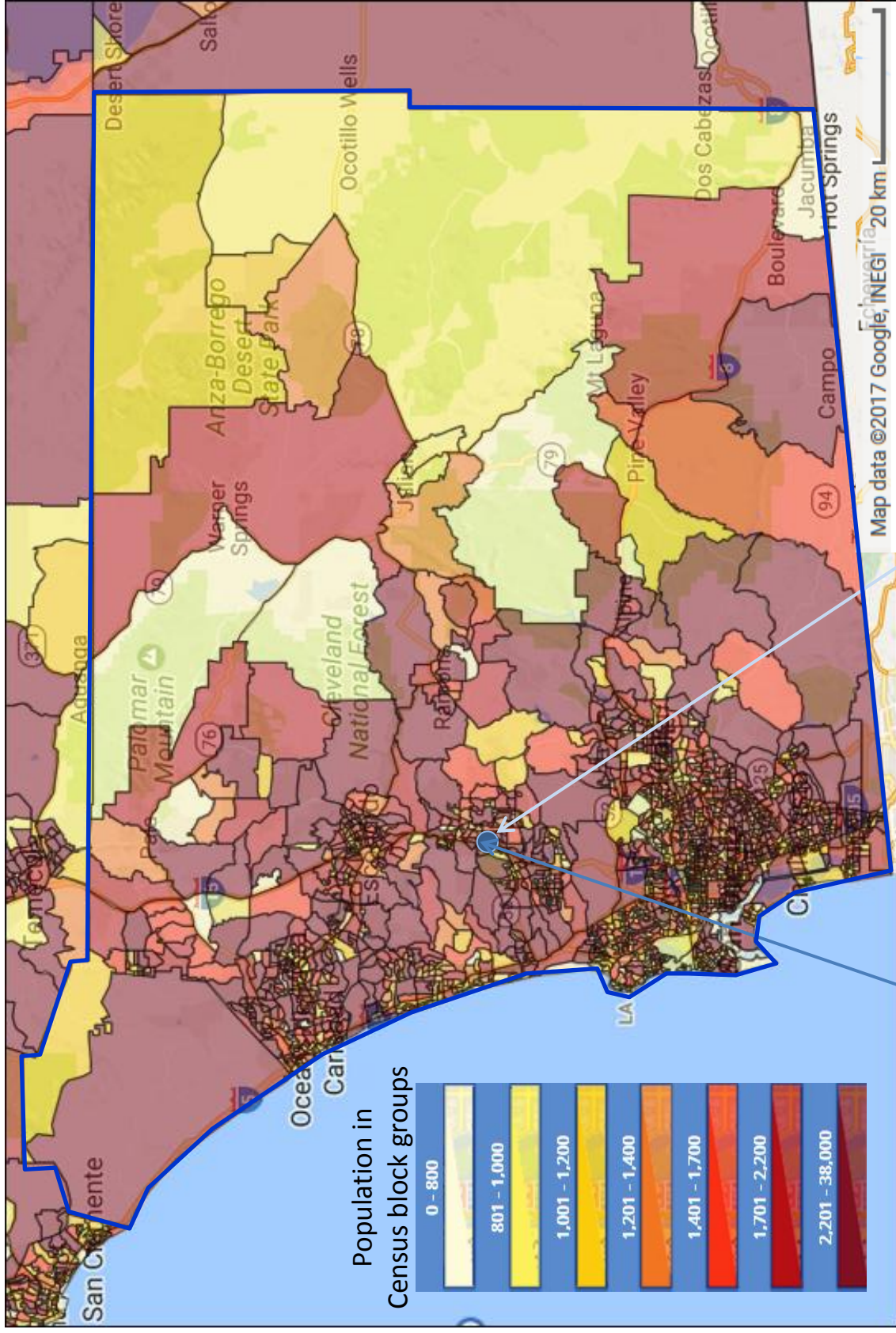
Tier 1 - High population license areas	Population greater than 300,000	FSS earth stations may cover no more than 0.2% of the license area's population.
Tier 2 – Low to medium population license areas	Population between 6,000 and 300,000	FSS earth stations may cover a total of 600 people without reference to the license area's population.
Tier 3 – Very low population license areas	Population less than 6,000	FSS earth stations may cover 10% of the license area's population.

37/39 GHz Tier

Tier 1 - High population PEA	Population greater than 1,500,000	FSS earth stations may cover no more than 0.2% of the license area's population.
Tier 2 – Low to medium population PEA	Population between 60,000 and 1,500,000	FSS earth stations may cover a total of 3000 people without reference to the license area's population.
Tier 3 – Very low population PEA	Population less than 60,000	FSS earth stations may cover 5% of the license area's population.

Attachment 1

San Diego county, CA 3,095,313 people



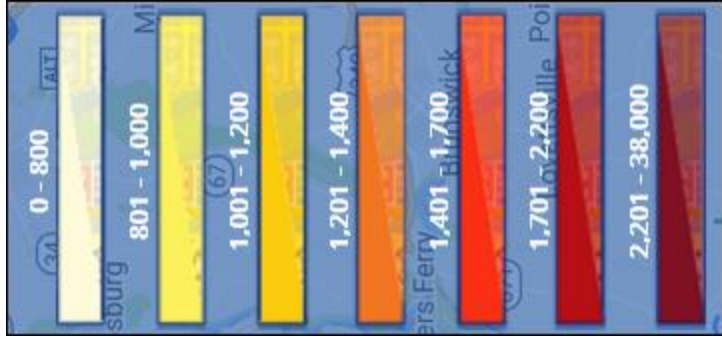
3095 people impacted (0.1%)
3,092,218 people not impacted

6190 people impacted (0.2%)
3,089,123 people not impacted

Attachment 2

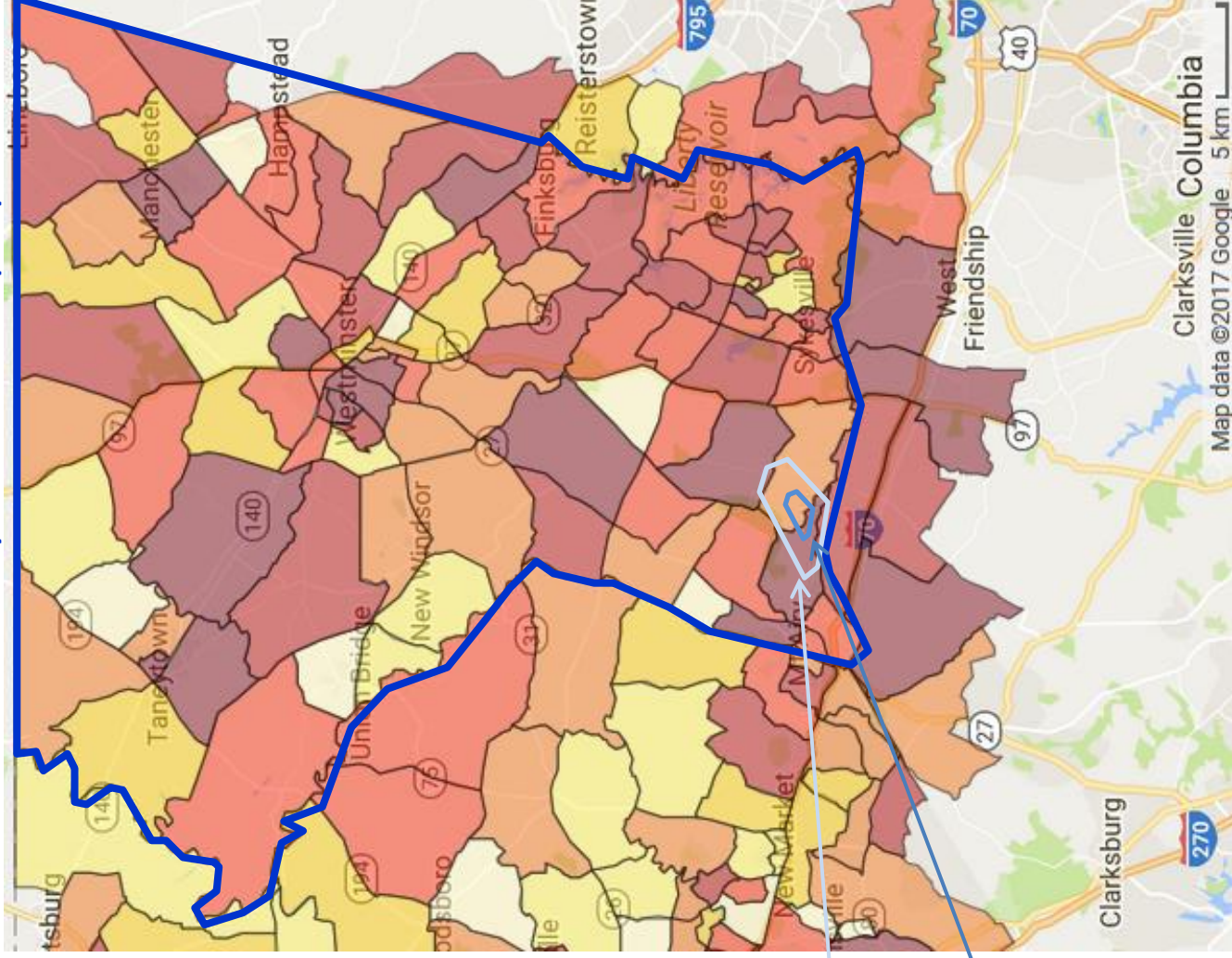
Carroll county, MD 167,134 people

Population in
Census block groups



600 people impacted (0.36%)
166,534 people not impacted

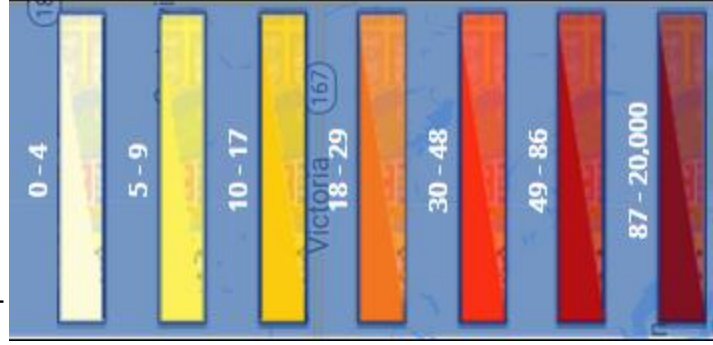
167 people impacted (0.1%)
166,967 people not impacted



Attachment 3

Stark county, IL 5,994 people

Population in Census blocks



Area impacted by
Earth station (10%)

